查询B57867S0103+140供应商

Applications

- Heating and air conditioning systems
- Industrial electronics
- Automotive electronics

Features

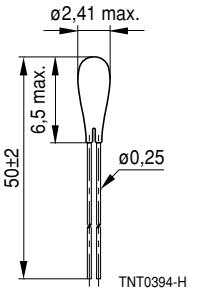
- Fast response
- High measuring accuracy
- Different tolerances available
- Epoxy resin encapsulation
- Silver-plated nickel leads

Options

Non-standard lead lengths

Delivery mode

Bulk



Dimensions in mm
Approx. weight 60 mg

Climatic category (IEC 60068-1)		55/155/56	
Max. power at 25 °C	P_{25}	60	mW
Resistance tolerance	$\Delta R_N/R_N$	± 1 %, ± 3 %, ± 5 %	
Rated temperature	T_N	25	°C
B value tolerance	$\Delta B/B$	± 1 %	
Dissipation factor (in air)	δ_{th}	approx. 1,5	mW/K
Thermal cooling time constant (in air)	τ_c	approx. 12	s
Heat capacity	C_{th}	approx. 18	mJ/K

R_{25} Ω	No. of *R*/*T* characteristic	$B_{25/100}$ K	Ordering code
2 k	1008	3560	B57867S0202+140
3 k	8016	3988	B57867S0302+140
5 k	8016	3988	B57867S0502+140
10 k	8016	3988	B57867S0103+140
30 k	8018	3964	B57867S0303+140
50 k	2901	3760	B57867S0503+140
100 k	2014	4540	B57867S0104+140

+: F for $\Delta R_N/R_N = \pm 1$ %
H for $\Delta R_N/R_N = \pm 3$ %
J for $\Delta R_N/R_N = \pm 5$ %

Reliability data

Test	Standard	Test conditions	$\Delta R_{25}/R_{25}$ (typical)	Remarks
Storage in dry heat	IEC 60068-2-2	Storage at upper category temperature *T*: 155 °C *t*: 1000 h	< 1 %/ < 2 %[1)]	No visible damage
Storage in damp heat, steady state	IEC 60068-2-3	Temperature of air: 40 °C Relative humidity of air: 93 % Duration: 56 days	< 1 %	No visible damage
Rapid temperature cycling	IEC 60068-2-14	Lower test temperature: – 55 °C Upper test temperature: 155 °C Number of cycles: 100	< 1 %	No visible damage
Long-term stability (empirical value)		Temperature: 70 °C *t*: 10 000 h	< 2 %	No visible damage

1) For B57867S0302-+140

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Published by EPCOS AG
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This brochure replaces the previous edition.

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